

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L43	9	window\$3 near5 (frequency) same (reduc\$5 near5 (noise interference temporal\$3)) and (nmr mri nuclear) and averag\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 21:06
L42	7	window\$3 near5 (frequency) same (reduc\$5 near5 (noise interference temporal\$3)) and (nmr mri nuclear) and average	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 21:06
L41	15	window\$3 near5 (frequency) same (reduc\$5 near5 (noise interference temporal\$3)) and (nmr mri nuclear)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 21:05
L40	164	window\$3 near5 (frequency) same (reduc\$5 near5 (noise interference temporal\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:57
L39	1	window\$3 near5 (frequency) near2 (coefficient) same (reduc\$5 near5 (noise interference temporal\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:56
L38	0	window\$3 adj5 (frequency) adj2 (coefficient) same (reduc\$5 near5 (noise interference temporal\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:56
L37	35	window\$3 adj5 (frequency) adj2 (coefficient)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:55
L36	177	window\$3 near5 (frequency) near5 (coefficient)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:51

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L35	6	(window\$3) adj2 (apply\$3) adj2 (frequency)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:51
L34	0	"windowing in a frequency domain"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:50
L33	0	"windowing in frequency domain"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:49
L32	0	"window in the frequency domain"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:49
L31	0	"windowing in the frequency domain"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:49
L30	73	(window\$3) near2 (frequency near5 domain) and (fft) and (ifft)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:49
L29	0	(window\$3) near2 (frequency near5 domain) and (fft) and (ifft) and (nmr mri nuclear)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:48
L28	21	(window\$3) near5 (frequency near5 domain) near10 (spectr\$2) and (fft) and (ifft)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:48

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L27	5	(window\$3) near5 (frequency near5 domain) near10 (spectr\$2) and (fft) and (ifft) and (nmr mri magnetic nuclear)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:47
L26	9	(window\$3) near5 (frequency near5 domain) near10 (spectr\$2) and (fft) near20 (ifft)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:47
L25	180	(window\$3) near5 (frequency near5 domain) near10 (spectr\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:45
L24	19	(window\$3) near5 (frequency near5 domain) near10 (spectr\$2) and (nmr mri nuclear)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:38
L22	44	(window\$3 decimat\$3) near10 (spectr\$2 frequenc\$3) near10 (fft dft fourier) near20 (plot\$4 display\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:36
L23	4	22 and (mri nmr nuclear)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:31
L21	8	(nmr nuclear near3 resonan\$3) near20 ((spectr\$3) near5 (line) chemical near5 analysis) and (display\$3) near20 (spectr\$2 frequenc\$3) near20 (fft dft fourier)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:31
L20	3	(nmr nuclear near3 resonan\$3) near20 ((spectr\$3) near5 (line) chemical near5 analysis) and (display\$3) near20 (spectr\$2 frequenc\$3) and (eigen\$ singular near2 value) near20 (fft dft fourier)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:12

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L19	108	(nmr nuclear near3 resonan\$3) near20 ((spectr\$3) near5 (line) chemical near5 analysis) and (display\$3) near20 (spectr\$2 frequenc\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:10
L18	7	(nmr nuclear near3 resonan\$3) near20 ((spectr\$3) near5 (line) chemical near5 analysis) near20 (display\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:10
L17	1524	(nmr nuclear near3 resonan\$3) near20 ((spectr\$3) near5 (line) chemical near5 analysis)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:09
L16	10	15 and (spectr\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 20:08
L15	16	(US-20010022515-\$ or US-20010010464-\$ or US-20030155501-\$ or US-20040010191-\$ or US-20040239323-\$ or US-20050149462-\$).did. or (US-6459263-\$ or US-4556847-\$ or US-6424960-\$ or US-5420508-\$ or US-5490516-\$ or US-5594849-\$ or US-5121337-\$ or US-7002143-\$ or US-7062419-\$ or US-5148379-\$). did.	US-PGPUB; USPAT	OR	ON	2007/03/19 19:57
S48	23	(eigen\$1value eigen\$1vector (singular single) adj value eigen\$1analy\$7) near20 (plot\$4 graph\$3) near20 (analy\$7 inspect\$4 examin\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 19:46
L14	31	(eigen\$1value eigen\$1vector (singular single) adj value eigen\$1analy\$7) near20 (plot\$4 graph\$3) near20 (analy\$7 inspect\$4 examin\$6 display\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 19:46

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S47	3	(eigen\$1value eigen\$1vector (singular single) adj value eigen\$1analy\$7) near20 (view\$3 display\$3 plot\$4 graph\$3) near20 (analy\$7 inspect\$4 examin\$6) and (matlab mathmatica maple adj V)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 21:27
S46	0	(eigen\$1value eigen\$1vector (singular single) adj value eigen\$1analy\$7) near20 (view\$3 display\$3 plot\$4 graph\$3) near20 (analy\$7 inspect\$4 examin\$6) with (matlab mathmatica maple adj V)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 21:26
S45	6	(eigen\$1value eigen\$1vector (singular single) adj value eigen\$1analy\$7) near20 (view\$3 display\$3 plot\$4 graph\$3) near20 (analy\$7 inspect\$4 examin\$6) and noise near20 (eigen\$1value eigen\$1vector (singular single) adj value eigen\$1analy\$7)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 21:25
S44	1	(eigen\$1value eigen\$1vector (singular single) adj value eigen\$1analy\$7) near20 (view\$3 display\$3 plot\$4 graph\$3) near20 (analy\$7 inspect\$4 examin\$6) with noise	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 21:22
S43	44	(eigen\$1value eigen\$1vector (singular single) adj value eigen\$1analy\$7) near20 (view\$3 display\$3 plot\$4 graph\$3) near20 (analy\$7 inspect\$4 examin\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 21:22
S42	748	(eigen\$1value eigen\$1vector (singular single) adj value eigen\$1analy\$7) near20 (view\$3 display\$3 plot\$4 graph\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 21:21
S5	90	S1 and (monit\$5 watch\$3 sampl\$3 compar\$3) near20 (noise snr s/n signal near20 noise near20 ratio)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 13:25
S25	61	((((principal principle) adj2 compon\$1nt hotelling) near5 transform\$6) and (n\$1m\$1r m\$1r\$1i (magnetic adj5 reson\$1nce))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 17:07

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S41	14	(pca princip\$1l adj compon\$1nt adj analysis) near5 (svd singular adj value adj decomposition) near20 (eigen\$1vector eigen\$1value)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:31
S40	10	(pca princip\$1l adj compon\$1nt adj analysis) near5 (svd singular adj value adj decomposition) near5 (eigen\$1vector eigen\$1value)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:31
S39	105	(pca princip\$1l adj compon\$1nt adj analysis) near5 (svd singular adj value adj decomposition) near5 (eigen\$1vector eigen\$1value singular)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:30
S38	170	(pca princip\$1l adj compon\$1nt adj analysis) near5 (svd singular adj value adj decomposition)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:30
S37	0	(pca princip\$1l adj compon\$1nt adj analysis) near5 (noise\$1free noise) near5 (sub\$1space)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:29
S36	21	("5408181").URPN.	USPAT	OR	ON	2006/11/17 14:48
S35	142	marquardt\$1levenberg	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 18:48
S34	3	("6799170" "6424960").pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/15 16:40
S32	298	fetzner-tiffany\$.xa.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:59

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S33	11	fetzner-tiffany\$.xa. and (s\$1v\$1d)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:37
S31	1	fetzner-tiffany.xa.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:35
S30	299	fetzner.xa.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:35
S29	1	2002-339398.NRAN.	DERWENT	OR	ON	2006/10/10 11:32
S28	2	"20040010191"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:32
S27	81	(s/r s\$1n\$1r signal near5 noise near10 ratio noise) and (((principal principle) adj2 compon\$1nt hotelling) near5 transform\$6 karhu\$1en) and (n\$1m\$1r m\$1r\$1i (magnetic adj5 reson\$1nce))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:48
S26	2	(s/r s\$1n\$1r signal near5 noise near10 ratio noise) with (((principal principle) adj2 compon\$1nt hotelling) near5 transform\$6 karhu\$1en) and (n\$1m\$1r m\$1r\$1i (magnetic adj5 reson\$1nce))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:43
S24	1	2004-273642.NRAN.	DERWENT	OR	ON	2006/10/10 09:21
S23	47	S21 and (nmr mri magnetic adj2 (resonan\$2 resonen\$2) n\$1m\$1r m\$1r\$1i)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:03
S22	78	S20 and (nmr mri magnetic adj2 (resonan\$2 resonen\$2) n\$1m\$1r m\$1r\$1i)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:03

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S21	521	(s\$1v\$1d (single singul\$2 eigen) near2 (value vect\$1r) eigen\$1vect\$1r eigen\$1value) near20 (plot\$4 graph\$3 chart\$3 display\$3 imag\$3) near20 (gap\$4 valley peak\$3 minimum maximum plateau\$3 as\$1ymptot\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:01
S19	6279	(s\$1v\$1d (single singul\$2 vox\$2 pix\$2 mean average eigen) near2 (value vect\$1r) eigen\$1vect\$1r eigen\$1value) near20 (plot\$4 graph\$3 chart\$3 display\$3 imag\$3) near20 (gap\$4 valley peak\$3 minimum maximum plateau\$3 as\$1ymptot\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:01
S15	5	S14 and (nmr mri magnetic adj2 (resonan\$2 resonen\$2) n\$1m\$1r m\$1r\$1i)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:01
S20	1377	(s\$1v\$1d (single singul\$2 vox\$2 pix\$2 mean average eigen) near2 (value vect\$1r) eigen\$1vect\$1r eigen\$1value) near20 (plot\$4 graph\$3 chart\$3 display\$3 imag\$3) near20 (gap\$4 valley peak\$3 plateau\$3 as\$1ymptot\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:00
S18	1	S17 and (svd s\$1v\$1d (eigen sing\$4 pix\$2 vox\$2 mean average) near2 (value vect\$1r) eigen\$1value eigen\$1vect\$1r) near20 (correlat\$3 near5 (matrix vector array))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 08:58
S17	539	324/300.ccls. and (magnetic adj (resonan\$2 resonen\$2) n\$1m\$1r m\$1r\$1i)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 08:54
S16	1	"10".src. and "766599".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 08:38



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S14	89	702/69.ccls. and (monit\$5 watch\$3 sampl\$3 compar\$3) near20 (noise snr s/n signal near20 noise near20 ratio)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 08:32
S1	539	324/300.ccls. and (magnetic adj (resonan\$2 resonen\$2) n\$1m\$1r m\$1r\$1i)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 08:30
S13	17	324/614.ccls. and (stop\$4 halt\$3 end\$3 finish\$3 final) near20 (measur\$5 acquir\$3 acquisition gather\$3 collect\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:39
S12	1	324/612.ccls. and (magnetic adj (resonan\$2 resonen\$2) n\$1m\$1r m\$1r\$1i)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:38
S10	0	324/614.ccls. and (magnetic adj (resonan\$2 resonen\$2) n\$1m\$1r m\$1r\$1i)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:38
S11	121	324/614.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:37
S9	1	S7 and (eigen\$1value eigen\$1vect\$3 (single singular pix\$1l vox\$1l mean average) adj (value vect\$3) eigen)	US-PGPUB; USPAT	OR	ON	2006/10/06 16:34
S8	0	S7 and (eigen\$1value eigen\$1vect\$3 (single singular) adj (value vect\$3) eigen)	US-PGPUB; USPAT	OR	ON	2006/10/06 16:34
S7	4	(US-20010010464-\$ or US-20010022515-\$).did. or (US-6459263-\$ or US-4556847-\$). did.	US-PGPUB; USPAT	OR	ON	2006/10/06 16:34

## EAST Search History

S6	25	S1 and (monit\$5 watch\$3 sampl\$3 compar\$3) near20 (noise snr s/n signal near20 noise near20 ratio) and (stop\$4 halt\$3 end\$3 finish\$3 final) near20 (measur\$5 acquir\$3 acquisition gather\$3 collect\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:12
S4	4	S1 and (snr s/n signal near20 noise near20 ratio noise) with (eigen\$1value eigen\$1vect\$3 (single singular) adj (value vect\$3) eigen)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:03
S2	322	S1 and (snr s/n signal near20 noise near20 ratio noise)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 16:01
S3	17	S1 and (snr s/n signal near20 noise near20 ratio noise) near20 (control\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 15:52